

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

- 1-19. (Canceled)
20. (Canceled)
21. (Currently amended) The mold of claim ~~20~~ 34, wherein said overflow collector is a ring.
22. (Currently amended) The mold of claim ~~20~~ 34, wherein said mold is reusable.
23. (Currently amended) The mold of claim ~~20~~ 34, wherein said overflow collector comprises polystyrene.
24. (Currently amended) The mold of claim ~~20~~ 34, wherein said overflow collector comprises rubber or a sponge material.
25. (Currently amended) The mold of claim ~~20~~ 34, wherein said overflow collector comprises a structure that is removable from said mold.
26. (Previously presented) The mold of claim 25, wherein said structure is a ring.
27. (Previously presented) The mold of claim 25, wherein said mold is reusable.
28. (Previously presented) The mold of claim 25, wherein said structure comprises polystyrene.
29. (Previously presented) The mold of claim 25, wherein said structure comprises rubber or a sponge material.

30. (Previously presented) The mold of claim 25, wherein said structure is disposable.

31. (Currently amended) A mold comprising a first mold portion, a second mold portion and a separate third mold portion wherein said third mold portion is an overflow collector capable of accumulating overflow reactive mixture,

wherein said first mold portion comprises a concave optical surface, an edge and a first flange,

said second mold portion comprises a convex surface and a second flange opposing said first flange,

a gap situated between the flanges, said gap being open to an ambient or inert environment,

said overflow collector comprising a structure facing one of the flanges, wherein said overflow collector is capable of reducing the surface area of said overflow reactive mixture in contact with said ambient or inert environment by more than 25 percent as compared to an overflow collector absent said structure.

32. (Currently amended) The mold of claim 31, wherein ~~said first and second mold portions comprise flanges and~~ said overflow collector is inserted between the flanges of said first and second mold portions.

33. (Previously presented) The mold of claim 32, wherein said overflow collector is disposable.

34. (New) A mold for forming a contact lens, comprising:
a first mold portion comprising a concave optical surface, an edge and a first flange;
a second mold portion comprising a convex surface and a second flange opposing said first flange; and
a gap situated between the flanges, said gap being open to an ambient or inert environment;

wherein at least one of said flanges comprises a depression or protrusion that, together with said flanges, forms an overflow collector comprising a volume capable of accumulating overflow reactive material; and

wherein said overflow collector is capable of reducing the surface area of said overflow reactive mixture in contact with said ambient or inert environment by more than 25 percent compared to an overflow collector absent said depression or protrusion.

35. (New) The mold of claim 34, wherein said surface area of said overflow reactive mixture in contact with an ambient or inert environment is determined at the minimum distance between said depression or protrusion and the flange opposing said depression or protrusion.

36. (New) The mold of claim 34, wherein said overflow collector is capable of reducing the surface area of said overflow reactive mixture in contact with an ambient or inert environment by more than 50 percent.

37. (New) The mold of claim 34, wherein said first flange comprises said depression or protrusion.

38. (New) The mold of claim 34, wherein said second flange comprises said depression or protrusion.

39. (New) The mold of claim 34, wherein said first flange comprises said protrusion.

40. (New) The mold of claim 39, wherein said protrusion comprises a point extending towards the second flange.

41. (New) The mold of claim 37, wherein said depression comprises a semi-elliptical shape, a triangular shape, a rectangular shape or a semi-circular shape.

42. (New) The mold of claim 37, wherein said depression tapers away from the opposing flange.

43. (New) The mold of claim 34, wherein said protrusion contacts the opposing flange.

44. (New) The mold of claim 34, wherein said protrusion is a ring.

45. (New) The mold of claim 34, wherein said overflow collector is characterized as having a first mold portion contact surface and a second mold portion contact surface, wherein said overflow reactive mixture adheres preferentially to said second mold portion contact surface.

46. (New) The mold of claim 45, wherein the area of said second mold portion contact surface is larger than the area of said first mold portion contact surface.

47. (New) The mold of claim 45, wherein said first mold portion contact surface comprises a material that is different than the material of said concave optical surface.

48. (New) The mold of claim 45, wherein said second mold portion contact surface comprises a material that is different than the material of said convex surface.

49. (New) The mold of claim 34, wherein said overflow collector is disposed between said edge, said flanges and said depression or protrusion.

50. (New) A contact lens molding device, comprising:
a mold portion comprising a concave optical surface, a radial edge around said concave optical surface, and a flange, said flange comprising a depression or protrusion; and
a contact lens situated on said concave optical surface, wherein said mold portion is free of contact lens material in the region exterior to said radial edge.

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